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TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371		ATTORNEY'S DOCKET NUMBER <div style="text-align: center; font-weight: bold;">701826-057830</div>
INTERNATIONAL APPLICATION NO. <div style="text-align: center;">PCT/CA2004/001823</div>	INTERNATIONAL FILING DATE <div style="text-align: center;">14 October 2004 (14.10.2004)</div>	U.S. APPLICATION NO. (If known, see 37 CFR 1.5) <div style="text-align: center; font-weight: bold; font-size: 1.2em;">10/575698</div>
TITLE OF INVENTION SPERM PROTECTIVE POLYPEPTIDES AND USES THEREOF		
APPLICANT(S) FOR DO/EO/US UNIVERSITE LAVAL, et al.		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<ol style="list-style-type: none"> 1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. 2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. 3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. 4. <input checked="" type="checkbox"/> The US has been elected (Article 31). 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) <ol style="list-style-type: none"> a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input checked="" type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). <ol style="list-style-type: none"> a. <input type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). 7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) <ol style="list-style-type: none"> a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). 10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). 		
Items 11 to 20 below concern document(s) or information included:		
<ol style="list-style-type: none"> 11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. <input checked="" type="checkbox"/> A preliminary amendment. 14. <input checked="" type="checkbox"/> An Application Data Sheet under 37 CFR 1.76. 15. <input type="checkbox"/> A substitute specification. 16. <input type="checkbox"/> A power of attorney and/or change of address letter. 17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825. 18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4). 19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4). 		

IAP20 Rec'd PCT/PTO 14 APR 2006

PTO-1390 (Rev. 07-2005)

Approved for use through 3/31/2007. OMB 0651-0021

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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U.S. APPLICATION NO. (if known) (see 37 CFR 1.5) 10/575698		INTERNATIONAL APPLICATION NO. PCT/CA2004/001823		ATTORNEY'S DOCKET NUMBER 701826-057830	
20. Other items or information: Coversheet - Published PCT WO 2005/035560 A1; Express Mail Certificate Label No. ER 293 835 884 US; Form PCT/IB/308 (First & Second Notices); Form PCT/ISA210; Form PCT/ISA/237; Form PCT/IPEA/416 & 409; Form PCT/ISA/237; Form 1449; References C1 - C8; and Return Receipt Postcard.					
The following fees have been submitted				CALCULATIONS PTO USE ONLY	
21. <input checked="" type="checkbox"/> Basic national fee (37 CFR 1.492(a))..... \$300				\$	300.00
22. <input checked="" type="checkbox"/> Examination fee (37 CFR 1.492(c))				\$	200.00
If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)..... \$0					
All other situations..... \$200					
23. <input checked="" type="checkbox"/> Search fee (37 CFR 1.492(b))				\$	400.00
If the written opinion of the ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)..... \$0					
Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority..... \$100					
International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB..... \$400					
All other situations..... \$500					
TOTAL OF 21, 22 and 23 =					900.00
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE		
21 - 100 =	-79 /50 =		x \$250	\$	0.00
Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).				\$	130.00
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	\$	
Total claims	15 - 20 =	0	x \$ 50	\$	0.00
Independent claims	3 - 3 =	0	x \$200	\$	0.00
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$360	\$	0.00
TOTAL OF ABOVE CALCULATIONS =				\$	1,030.00
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by ½.					515.00
SUBTOTAL =				\$	515.00
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).				\$	0.00
TOTAL NATIONAL FEE =				\$	515.00
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				\$	0.00
TOTAL FEES ENCLOSED =				\$	515.00
Amount to be refunded:				\$	
Amount to be charged				\$	

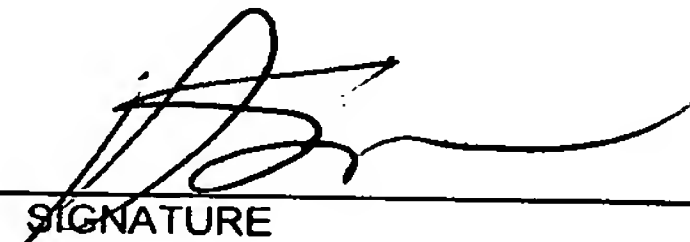
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- IAP20 Rec'd PCT/PTO 14 APR 2006
- a. ☐ A check in the amount of \$ _____ to cover the above fees is enclosed.
- b. ☒ Please charge my Deposit Account No. 50-0850 in the amount of \$ 515.00 to cover the above fees.
A duplicate copy of this sheet is enclosed.
- c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50-0850. A duplicate copy of this sheet is enclosed.
- d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.

SEND ALL CORRESPONDENCE TO:

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100 Summer Street
Boston, MA 02110-2131
US


SIGNATURE

David S. Resnick
NAME

34,235
REGISTRATION NUMBER

10/575698

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Practitioner's Docket No. 701826-057830

PATENT

IN THE UNITED STATES RECEIVING OFFICE

PCT/CA2004/001823	14.10.2004 14 October 2004	14.10.2003 14 October 2003
International Application Number	International Filing Date	International Earliest Priority Date

TITLE OF INVENTION: SPERM PROTECTIVE POLYPEPTIDES AND USES THEREOF
APPLICANT(S) FOR EO/DO: UNIVERSITE LAVAL; BOILARD, Mathieu; SIRARD, Marc-André; LECLERC, Pierre; BAILEY, Janice; LACHANCE, Catherine

INVENTOR(S)/APPLICANT(S) FOR US: BOILARD, Mathieu; SIRARD, Marc-André; LECLERC, Pierre; BAILEY, Janice; LACHANCE, Catherine

**VERIFIED CERTIFICATION OF EXPRESS MAILING DATE
(INTERNATIONAL APPLICATION (37 C.F.R. section 1.10(c)))**

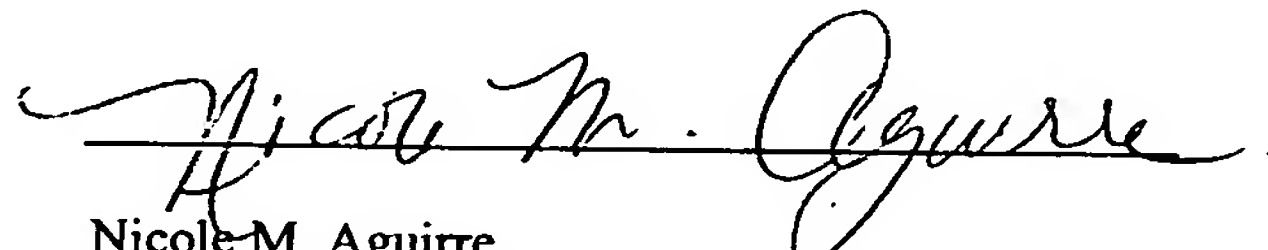
I declare that, on April 14, 2006 I deposited, with the United States Postal Service, in an envelope "Express Mail, Post Office to Addressee," bearing Label Number ER 293 835 884 US; addressed to the "MAIL STOP PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450," and having an express mail certification that I executed, the following papers:

1. Express Mail Certificate ER 293 835 884 US (1 pg.);
2. Transmittal Letter to the U.S. Receiving Office Concerning a Filing Under 35 U.S.C. 371 – in duplicate (6 pp.);
3. Application Data Sheet (3 pp.);
4. Preliminary Amendment (5 pp.);
5. Information Disclosure Statement (2 pp.);
6. Form 1449 (1 pg.);
7. International Search Report – PCT/ISA 210 (5 pp.);
8. COPY – References C1 – C8;
9. Published PCT WO 2005/035560 A1 (coversheet, 1 pg.);
10. Form PCT/IB/308 (First and Second Notices) (2 pp.);
11. Written Opinion – Form PCT/ISA/237 (9 pp.);
12. Notification of Transmittal of International Preliminary Report on Patentability - Forms PCT/IPEA/416 & 409 (8 pp.); and
13. Return Receipt Postcard.

A copy of these papers from the file of this application is attached.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application of any patent issuing thereon.

Date: April 14, 2006


Nicole M. Aguirre
(type or print name of person certifying)